BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements & Providing concrete road to Deffence Colony Cross Road in ward no.14 T.Dasarahalli Sub Division.

Est. Cost Rs. 10.00 Lakhs

Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3. in hard soil **Page No. 149/ Item No. 19.2/ PWD SR 2011-12**	Cum							
	Drain		1	113.00	1.10	0.90	111.87		
	Cross road		1	42.00	6.50	0.15	40.95		
							152.82	87.05	**13303.00**
	Basic Rate	80.60							
	Area Weightage 8%	6.45							
	Total	**87.05**							
2	KSRRB M2900-1: Plain cement concrete 1:3:6 mix with crushed stone aggregates 40m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14days complete as per specifications. MORTH Specification No. 408 **Page No. 257/ Item No. 34.1/ PWD SR 2011-12**	Cum							
	Cross road		1	113.00	1.10	0.15	18.65		
			1	42.00	6.50	0.15	40.95		
							59.60	3502.44	**208728.00**
	Basic Rate	3243.00							
	Area Weightage 8%	259.44							
	Total	**3502.44**							
3	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of mix M20 with OPC cement @ 320kgs,with 20mm and down size graded granite metal Coarse aggregates @ 0.69cum and fine aggregates @0.46cum with superplastisiser @ bits confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and Superstructure ground floor level for roof slabs, staircase, lintels columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.6 Page No. 13/ Item No. 4.17/ PWD SR 2011-12	Cum							

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	Bottom		1	113.00	1.00	0.15	16.95		
	Sides		2	113.00	0.15+0.182	0.60	22.37		
	[illegible]d		1	42.00	6.50	0.10	27.30		
							66.62	4954.44	**330085.00**
	Basic Rate	4674.00							
	Area Weightage 6%	280.44							
	Total	**4954.44**							
4	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 17/ Item No. 4.32/ PWD SR 2011-12**	Sqm							
	Sides		2x2	113.00		0.60	271.20	270.30	**73305.00**
	Basic Rate	255.00							
	Area Weightage 6%	15.30							
	Total	**270.30**							
5	KSRB 4.9.2: providing **T.M.T steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 **Page No. 19/ Item No. 4.46/ PWD SR 2011-12**	Qtls				kg/Cum			
		Kg		39.32	–	40.00	1572.96		
				27.30		25.00	682.50		
	For CC Road						22.55	6264.60	**141296.00**
		Qtls							
	Basic Rate	5910.00							
	Area Weightage 6%	354.60							
	Total	**6264.60**							
7	Providing & Laying Reinforced cement precast slabs of mix M20 Using 20mm & down size graded granite metal using HYSD 10mm dia steel @100mm c/c both ways & complete as per specfications.	**Sqm**							
	Covering slab for Cross roads		1	113.00	1.00		113.00	1963.60	**221887.00**
	Approved Data Rate for precast slab	1963.60							
8	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.00 (P.147 I.18.57/1)	Cum							
			Qty. Vide Item No. 1				152.82		
	4kms Basic Rate	10.24	Qty limited to				**145.00**	78.24	**11345.00**

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Loading and Unloading Charges	62.20							
	72.44							
Area Weightage @ 8%	5.80							
Total	78.24							83.00
Miscellaneous and UnforessenCharges								51.00
							Total	1000000.00

(Rupees Ten Lakhs Only)

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2011-12
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

A/S.

ನಂ. SC(D) AS 162/12-13 ದಿನಾಂಕ : 7/5/12.
ರೂ. 10.00 Lakhs Ten Lakhs only.
ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿದೆ
Page No 123
SL No 162
ವಿಶೇಷ ಆಯುಕ್ತರು ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Approved by w/c 162/11-12.
dt 7/5/12.

ನಂ. EE/DD/TS/GS/12-13 ದಿನಾಂಕ : 14/5/2012
ರೂ. 10.00 Lakhs
(Ten Lakhs only)
ಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ನೀಡಿದೆ
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (14/5)
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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